

Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A therapy catheter for use with a pulse generator of the type delivering pulses to locate a catheter within a patients heart, said catheter comprising:

- (a) a lead body having a distal end and having a proximal end;
- (b) a locator electrode proximate said distal end, said locator electrode having a size and position on the lead body adapted for delivering ~~and or~~ and/or receiving a current pulse for coupling an electric field to a separate electric potential to provide an indication of the location of the catheter using a ~~non-contact~~ location modality to create an image of the location of the electrode within the heart; and
- (c) a ~~set~~ plurality of therapy electrodes located near said distal end and adapted to deliver radio frequency energy to cardiac tissue located proximate said therapy electrodes.

2. (Currently Amended) A therapy catheter for use with a pulse generator of the type delivering pulses to locate a catheter within a patients heart, said catheter comprising:

- (a) a lead body having a distal end and having a proximal end;
- (b) a locator electrode proximate said distal end, said locator electrode having a size and position on the lead body adapted for delivering ~~and or~~

and/or receiving a current pulse for coupling an electric field to a separate electric potential to provide an indication of the location of the catheter using a ~~non-contact~~ location modality to create an image of the location of the electrode within the heart; and

- (c) a drug delivery lumen located proximate said distal end.

3. (Currently Amended) A therapy catheter for use with a pulse generator of the type delivering pulses to locate a catheter within a patients heart, said catheter comprising:

- (a) a lead body having a distal end and having a proximal end;
- (b) a locator electrode proximate said distal end; said locator electrode having a size and position on the lead body adapted for delivering ~~and or~~ and/or receiving a current pulse for coupling an electric field to a separate electric potential to provide an indication of the location of the catheter using a ~~non-contact~~ location modality to create an image of the location of the electrode within the heart; and
- (c) a fiber optic cable coupled to said distal end for directing laser energy to an ablation site.

4. (Currently Amended) A therapy catheter for use with a pulse generator of the type delivering pulses to locate a catheter within a patients heart, said catheter comprising:

- (a) a lead body having a distal end and having a proximal end;

- (b) a locator electrode proximate said distal end; said locator electrode having a size and position on the lead body adapted for delivering ~~and/or~~ and/or receiving a current pulse for coupling an electric field to a separate electric potential to provide an indication of the location of the catheter using a ~~non-contact~~ location modality to create an image of the location of the electrode within the heart; and
- (c) a microwave wave guide coupled to said distal end for directing microwave energy to an ablation site.

5. (Currently Amended) A therapy catheter for use with a pulse generator of the type delivering pulses to locate a catheter within a patients heart, said catheter comprising:

- (a) a lead body having a distal end and having a proximal end;
- (b) a locator electrode proximate said distal end; said locator electrode having a size and position on the lead body adapted for delivering ~~and/or~~ and/or receiving a current pulse for coupling an electric field to a separate electric potential to provide an indication of the location of the catheter using a ~~non-contact~~ location modality to create an image of the location of the electrode within the heart; and
- (c) an angioplasty balloon coupled to said distal end of said lead body for opening a stenotic lesion in a coronary vessel.